

DETAILED ACTION

1. Claims 1-2, 4-7, 10-14 and 29 are pending in the application.
2. Claims 3, 8, 9, 15-28 & 30-31 have been canceled.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Stephanie Winner on 06/09/2009.

The claims have been amended as follows:

- In claim 1 **replace** "...reading the entry when a second frame is transmitted for the connection..."

With

"...reading the entry when a second frame is transmitted for the connection; determining that the first frame and the second frame are out-of-sequence based on a comparison of the sequence number stored in the entry with a sequence number in the second frame; and storing a flag in the entry to indicate that synchronization is requested for the connection..."

- Cancel claim 8.
- In claim 11 **replace** "...The method of claim 8, further comprising..."

With

“...The method of claim 1 further comprising...”

- In claim 12 **replace** “...The method of claim 8, further comprising...”

With

“...The method of claim 1, further comprising...”

- Cancel claims 15-22, 24-28 & 30-31.

Allowable Subject Matter

4. Claims 1-2, 4-7, 10-14 and 29 are allowable over the prior art of record.
5. Claims 1-2, 4-7, 10-14 and 29 are allowable and renumbered as claims 1-12 respectively over the prior art of record since the cited references do not contain the specified limitations of a method of using a delegated connection table, comprising: selecting, by a transmission control protocol (TCP) stack, a connection for processing by an offload unit; initializing an entry in the delegated connection table with connection state corresponding to the connection selected by the transmission control protocol (TCP) stack for processing by the offload unit; determining that a first frame is received on the connection selected by the TCP stack for processing by the offload unit; updating the entry when the first frame is received for the connection, wherein a sequence number is stored in the entry, the sequence number representing a next expected sequence number for the connection; parsing the first frame to extract TCP payload data; uploading the TCP payload data to a memory; and reading the entry when a second frame is transmitted for the connection; determining that the first frame and the second frame are out-of-sequence based on a comparison of the sequence number stored in the entry with a sequence number in the second frame; and storing a flag in the entry to indicate that synchronization is requested for the connection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to EMMANUEL MAGLO whose telephone number is (571)270-1854. The examiner can normally be reached on Monday - Thursday 7:00 - 4:30 and every other Friday 7:00 - 3:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on (571)272-7872. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Emmanuel Maglo
Patent Examiner
June 15, 2009

/William Trost/
Supervisory Patent Examiner, Art Unit 2416